

Claims: I claim:

1. A bond test shear tool incorporating typical features of shear face and blade edge thereof, mounting shank with orienting provision and clearances and rakes to appropriately make contact with ball bonds or bumps for the purposes of shear testing the strength of the bonds of such balls or bumps to their underlying substrates, the improvement wherein said shear tool features an offset that places the shear face beyond interferences to view by normally mounted optics.
2. A bond test system that accepts the offset shear tool of claim 1 and provides for the positioning of the image capturing optics and the shear force test module, the improvement wherein said bond test system provides unobstructed real time views of the shear test and the subsequent sheared test site directly over and normal to the bond test location.